

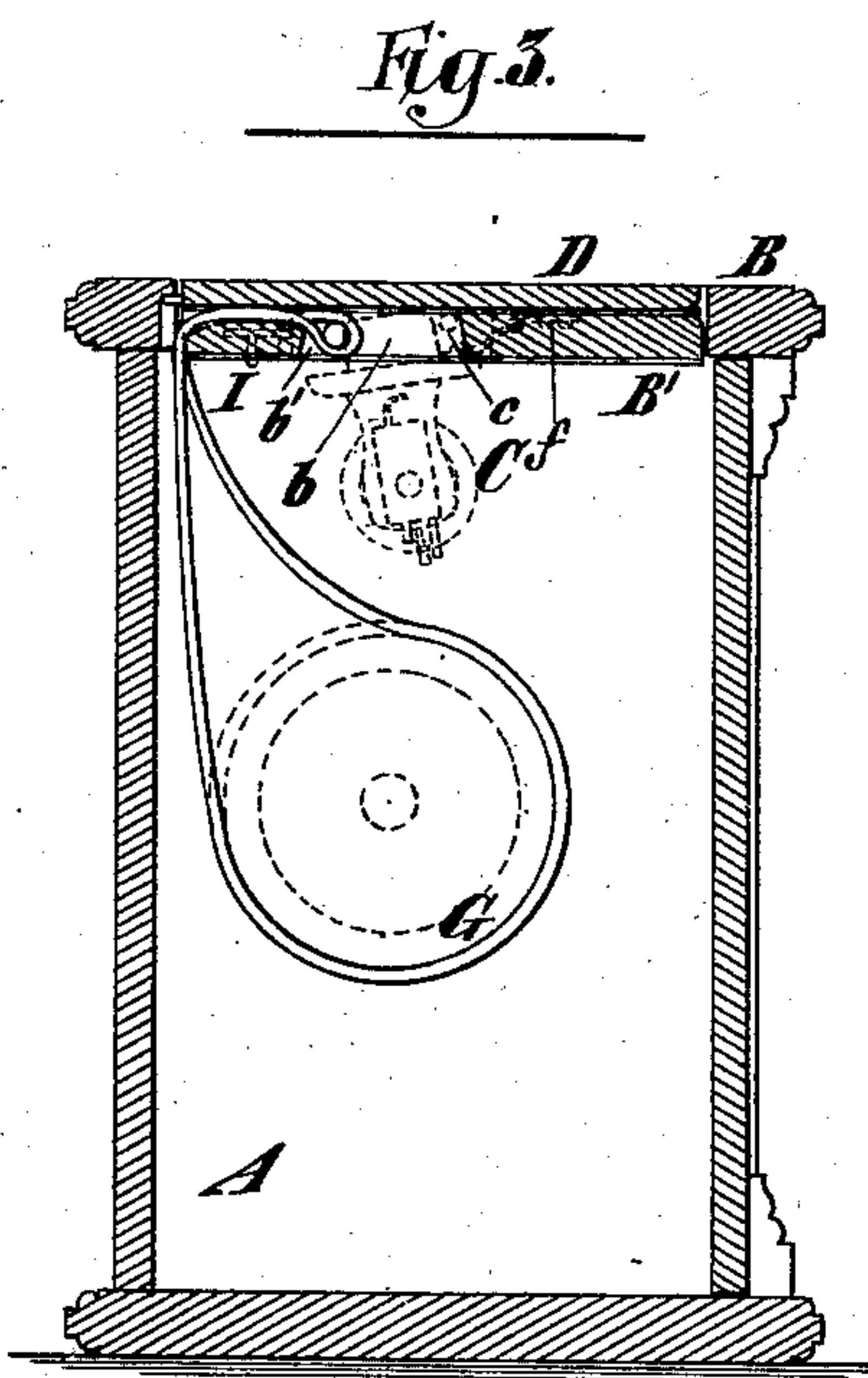
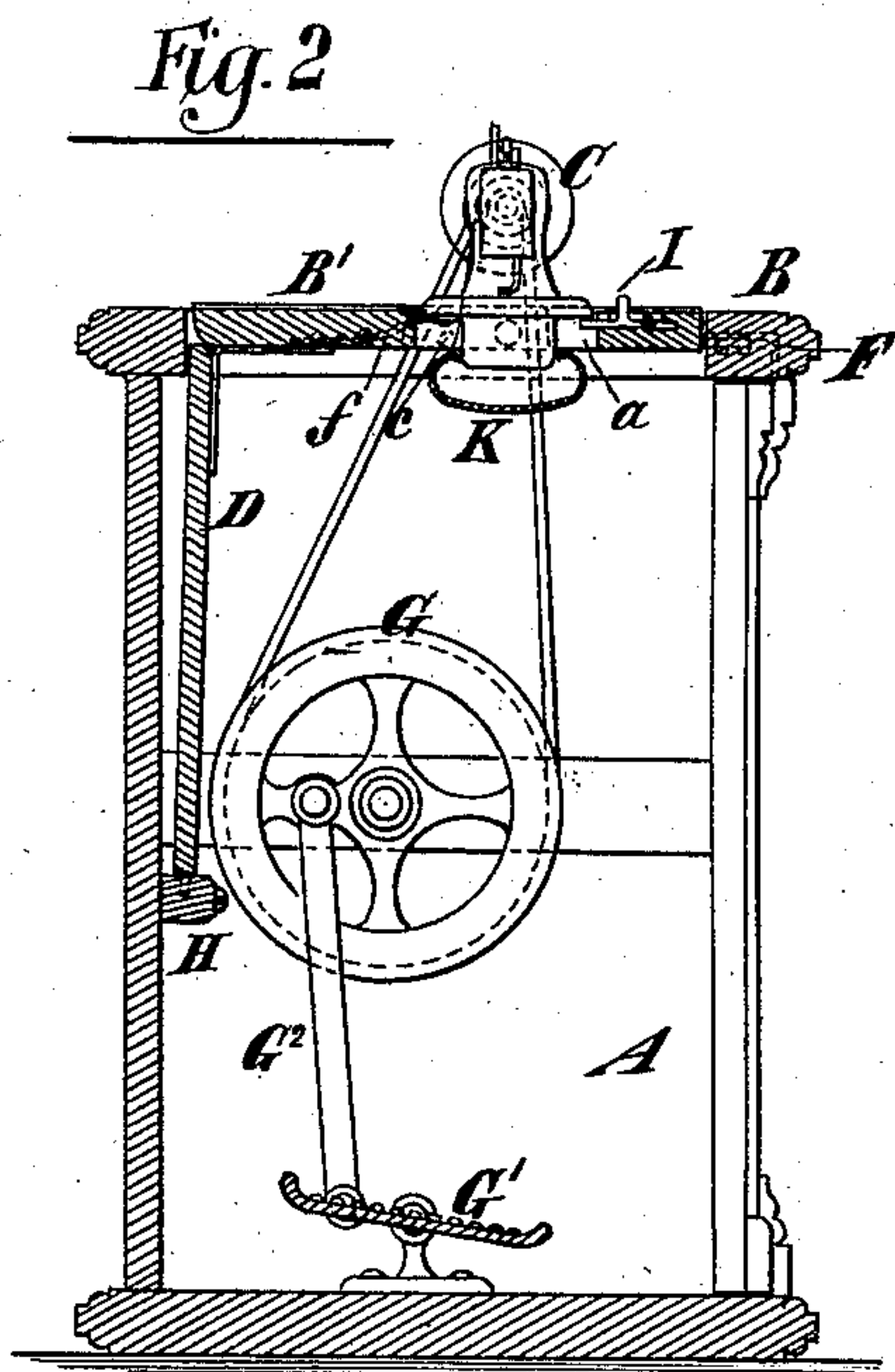
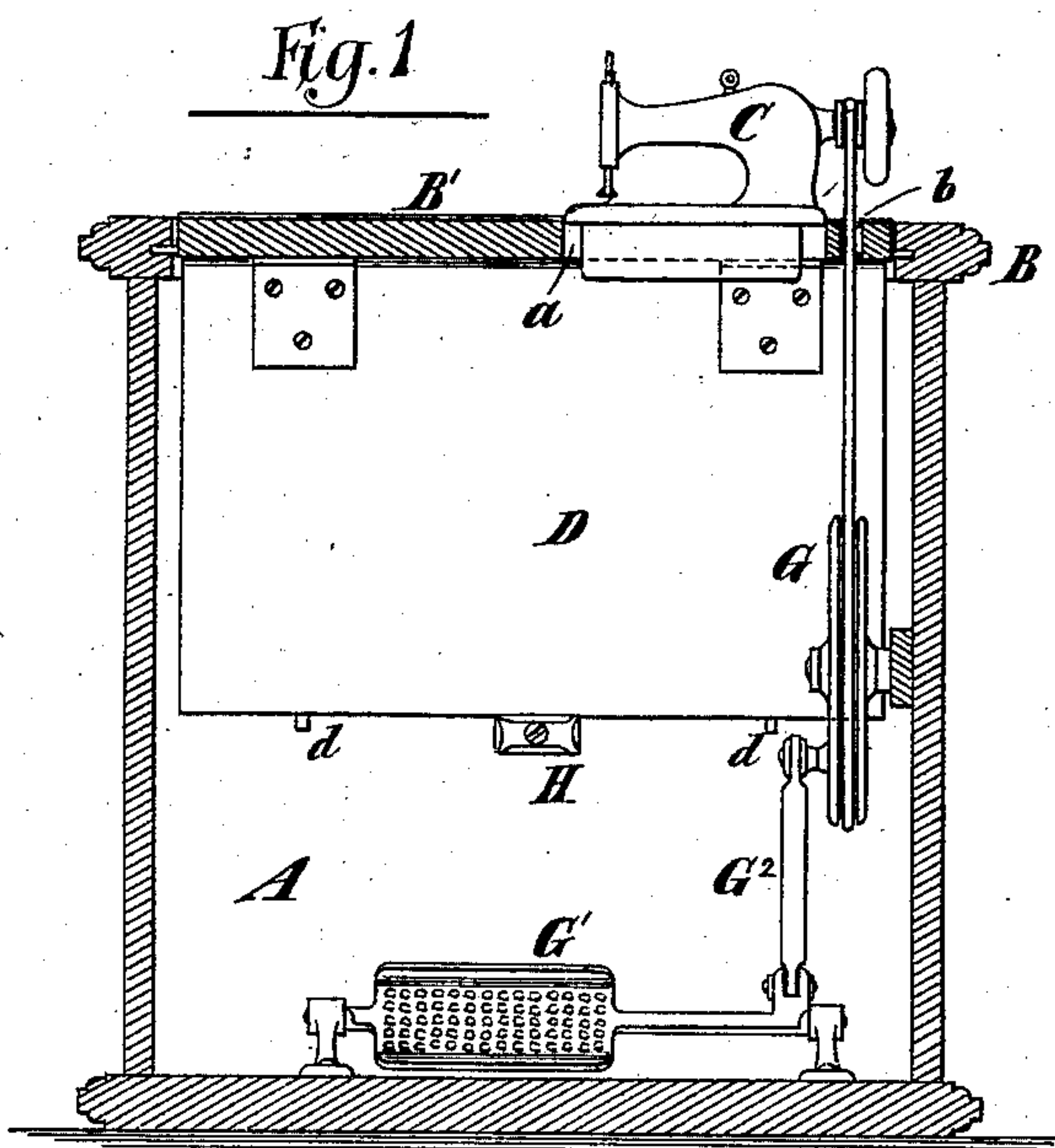
(No Model.)

A. F. GERALD.

TABLE OR STAND FOR MACHINES, &c.

No. 256,671.

Patented Apr. 18, 1882.



Witnesses:-

J. Keane
James R. Bowen.

Inventor:-

Amos F. Gerald
By his atty.
Edwin H. Brown.

UNITED STATES PATENT OFFICE.

AMOS F. GERALD, OF FAIRFIELD, MAINE.

TABLE OR STAND FOR MACHINES, &c.

SPECIFICATION forming part of Letters Patent No. 256,671, dated April 18, 1882.

Application filed January 11, 1882. (No model.)

To all whom it may concern:

Be it known that I, AMOS F. GERALD, of Fairfield, in the county of Somerset and State of Maine, have invented certain new and useful Improvements in Tables or Stands for Sewing-Machines and other Articles, of which the following is a specification.

These improvements relate to those tables and stands for sewing-machines and like articles which have revolving top portions upon which the machines or other articles are mounted, provision being thus afforded for concealing the machines or other articles when desirable.

The object of my improvements is to improve such tables or stands in certain particulars.

The improvements consist in the combination, with a table or stand having a rail-like top portion, of a revolving top portion carrying a machine and pivoted within the rail-like portion, a cover for this revolving portion hinged to the same, a stop for supporting said cover when the revolving portion is turned to bring the machine right side up, a wheel for transmitting motion to the machine, so arranged that it will guide the cover to the stop when the revolving portion is turned to bring the machine right side up, and a catch for retaining the revolving portion in position.

The improvements also consist in the combination, with a table or stand having a rail-like top portion and a revolving portion pivoted within the same, of a machine or other article fitted in an opening in the revolving portion, and hinges and a catch for securing the machine to said portion so that it may be dropped through the opening to enable the revolving portion to be turned, and to carry it through the rail-like portion.

The improvements also consist in certain novel details in the construction of the revolving top portion and its cover, whereby convenient provision is afforded for preventing the driving-belt from dropping through the revolving top portion when thrown off the machine, and for concealing the belt when the revolving top portion is inverted.

The improvements also consist in the combination, with a table or stand having a revolving

top portion carrying a machine, of an oil-drip cup which turns or revolves with said revolving top portion and has its edges reverted or turned inward, so that when turned upside down its turned-in edges will catch and retain the oil contained within it.

In the accompanying drawings, Figure 1 is a central longitudinal section of a table or stand provided with a sewing-machine and embodying my improvements. Fig. 2 is a transverse section of the same, taken close to the sewing-machine; and Fig. 3 is a transverse section of the same, taken close to one of the pivots of the revolving top portion.

Similar letters of reference designate corresponding parts in all the figures.

A designates the body portion of the table or stand. As shown, it is made in the form of a box or case, so as to give to the table or stand the appearance of a cabinet. The top consists of a rail-like portion, B, affixed to the upper end of the body portion A, and a revolving portion, B', which is centrally pivoted within the rail-like portion B. This portion B' carries a sewing-machine, C, and is made to revolve, so that the machine may be elevated above the table or stand for use, or may be depressed within the same to conceal it and enable the table or stand to be used for ordinary purposes. This revolving portion, as here shown, is provided with an opening, *a*, into which the machine is set, and other openings, *b b'*, through which passes a belt for transmitting motion to the machine from driving mechanism arranged below it. In order to conceal these openings when the revolving portion B' is inverted, I combine with the revolving portion a cover, D, which, as here shown, is hinged to one of the longitudinal edges of the revolving portion B'.

It is desirable that the revolving portion, when turned right side up, so as to present the sewing-machine for use, shall be flush with the rail-like portion, and that when inverted and concealed by the cover the latter shall be flush with the rail-like portion. In order to accomplish this the pivots *c* of the revolving portion are arranged nearer the under side than the upper side. The said portion is therefore raised

and lowered bodily when revolved. When the revolving portion is turned upside down the cover falls over it and conceals it, and with the rail-like portion forms a flush top. On its free edge the cover is preferably provided with pins d , which, when the revolving portion is inverted, engage with recesses in the adjacent part of the rail-like portion of the top, and in that way the cover is held down. The edge of the revolving portion, to which the cover is hinged, engages with catches F on the rail-like portion, and is thereby held in position. These catches may be manipulated on opening the doors forming the front of the body portion of the table or stand. When the revolving portion is turned right side up the cover drops against the wheel G , from which motion is imparted to the sewing-machine, and is thereby guided to a stop, H , arranged on the back of the body portion B , and on which it rests. The edge of the revolving portion then brought forward is secured by the catches F .

The driving mechanism may be of any suitable kind, consisting, for instance, of treadles G' , connected by a rod, G^2 , to a wrist or crank on the wheel G .

Oftentimes it is desirable to use a very high sewing-machine, and if the machine is mounted rigidly on a revolving top portion in a table or stand the latter must be made exceedingly wide to enable the machine to pass through the rail-like portion.

To enable the use of a high machine without widening the revolving portion, I arrange the machine in the opening a therein, and secure it to arms f , which extend rearward of the machine and at the extreme ends are hinged to the revolving top portion. The machine may then be depressed in the revolving top portion before the latter is turned over. I retain the machine in position for use by a bolt, I , which may be made to project from the revolving top portion so as to engage with its bed-plate. By withdrawing this bolt the machine is allowed to sink through the opening a , and then it will easily pass through the rail-like portion. As the revolving portion is turned right side up the machine by gravity stays behind in a depressed condition and passes easily through the rail-like portion. It has to be raised and the bolt engaged with it before it can be used. The driving-belt has then to be slipped over the pulley of the machine. When the revolving portion is turned upside down the machine falls away, so as to withdraw its base-plate from the opening a ; and this is advantageous, because it enables me to use a machine having a very thick base-plate with a revolving top portion of very thin material.

The driving-belt works through the openings b b' , and the partition between said openings forms a bar, upon which the belt is sustained when thrown off the machine. When the revolving portion B' is inverted the portion of the belt which is brought above the

same is concealed by the cover D , and in said revolving portion, or between it and said cover, is a groove which receives the belt, as shown in Fig. 3, so that it will permit the cover D to be closed down tightly upon the revolving portion.

Preferably I attach to the lower side of the base-plate of the machine, or to the revolving top portion, B' , below the machine, an oil-drip cup, K , (see Fig. 2,) which is concaved and has its edges reverted or turned inward, so that they will catch and retain the oil which is within the drip-cup when the latter is turned upside down with the machine and revolving top portion.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, with a table or stand having a rail-like top portion, of a revolving top portion carrying a machine, and pivoted within the rail-like top portion, a cover for the revolving top portion hinged to the same, a stop for supporting the cover when the revolving portion is turned to bring the machine right side up, a wheel for transmitting motion to the machine, arranged as described, whereby it will guide the cover to the stop when the revolving portion is turned to bring the machine right side up, and a catch for retaining the revolving portion in position, substantially as specified.

2. The combination, with a table or stand having a rail-like top portion and a revolving portion pivoted within the same, of a machine or other article fitted in an opening in the revolving portion, and hinges and a catch for securing the machine to said portion, so that it may be dropped through the opening to enable the revolving portion to be turned and to carry it through the rail-like portion, substantially as specified.

3. The combination, with a table having a rail-like top portion, of a revolving top portion pivoted within the same, carrying a machine, and provided with two openings, through which a driving-belt may pass, and which form between them a bar on which the belt is supported when thrown off the machine, and a cover hinged to said revolving portion and adapted to conceal it, the said revolving portion having a groove in its under surface for receiving the belt when the said revolving portion is inverted, substantially as specified.

4. The combination, with a table having a rail-like top portion, and a revolving top portion provided with two openings for the passage of a driving-belt, forming between them an intermediate bar, on which the belt may be supported when not in use, of a machine or other article fitting in an opening in the revolving portion, and hinges and a catch for securing the machine to said portion, so that it may be dropped down through the opening to enable the revolving portion to be turned to carry the machine through said rail-like portion, and a hinged cover for concealing the re-

volving portion when inverted, the said revolving portion having a groove in its under surface, in which the belt is received when said portion is inverted, substantially as specified.

5 5. The combination, with a table or stand having a revolving top portion, carrying a machine, of an oil-drip cup which turns or revolves with said top portion and has its edges

reverted or turned inward, so that when turned upside down its reverted or turned-in edges will catch and retain the oil contained within it, substantially as specified.

AMOS F. GERALD.

Witnesses:

T. J. KEANE,
CHANDLER HALL.